

Amendments To the Claims:

Please amend the claims as shown. Applicant reserves the right to pursue any cancelled claims at a later date.

1.-5. (cancelled)

6. (new) A flat screen panel arrangement, comprising:

a flat screen comprising a flat screen panel;

an A/D converter for generating a digital image signal from an analog image signal, the A/D converter having an adjustable amplification for generating a maximum video step of the digital image signal based on a maximum video level of the analog image signal;

a graphics processor configured to receive the digital image signal;

a sensor having a hidden arrangement at the flat screen such that a user of the flat screen does not visually notice the sensor, the sensor sized, arranged and configured to acquire a luminance of a white image displayed on the flat screen panel during a calibration procedure; and

a swiveling mechanism for swiveling the sensor from a stand-by position into an acquisition position, the sensor swiveled into the acquisition position when acquiring the luminance, wherein the swiveling of the sensor includes a swiveling movement essentially parallel to the flat screen panel, wherein the graphics processor is configured to:

effect change of the luminance by adjusting the amplification of the A/D converter;

evaluate the change of luminance; and

reach a final adjustment setting of the amplification based on the evaluated change of luminance.

7. (new) The flat screen panel arrangement according to claim 6, wherein the swiveling movement includes lowering the sensor towards the flat screen panel.

8. (new) The flat screen panel arrangement according to claim 6, further comprising a sealing device for screening the sensor from ambient light while acquiring the luminance.

9. (new) The flat screen panel arrangement according to claim 6, further comprising a cleaning device for cleaning the sensor before, during or after the swiveling movement.

10. (new) The flat screen panel arrangement according to claim 6, further comprising a frame for accommodating the flat screen, wherein the sensor and the swiveling mechanism are arranged in a recess of the frame.